

WHAT IS CLAIMED IS:

1. A record medium recording moving picture data having a structure comprising:

I pictures (intraframe coded image);

5 P pictures (interframe forward predictive coded image);

and

P' picture which is a forward predictive coded image of a picture immediately preceding an I picture and the I picture being placed preceding or following the I picture.

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2. A record medium recording moving picture data having a structure comprising:

I pictures (interframe coded image);

P pictures (interframe forward predictive coded image);

15 and

P" picture which is a forward predictive coded image of an I picture immediately preceding the current I picture and the current I picture being placed preceding or following the current I picture.

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3. A moving picture transmission apparatus comprising:

moving picture data supply means;

moving picture data acquisition means for acquiring

objective moving picture data from said moving picture data supply means; and

data transmission means for transmitting the moving picture data acquired by said moving picture data acquisition  
5 means to a transmission line; and

differential data calculation means being placed between said moving picture data supply means and said data transmission means for calculating a P' picture of a forward predictive coded image of a picture immediately preceding an I picture and the I  
10 picture.

4. A moving picture transmission apparatus comprising:

moving picture data supply means;

15 moving picture data acquisition means for acquiring objective moving picture data from said moving picture data supply means;

data transmission means for transmitting the moving picture data acquired by said moving picture data acquisition  
20 means to a transmission line;

basic image retention means being placed between said moving picture data supply means and said data transmission means for retaining I pictures; and

differential data calculation means being placed between

said moving picture data supply means and said data transmission means for calculating a P" picture of a forward predictive coded image of an I picture immediately preceding the current I picture and the current I picture.

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5. A moving picture transmission apparatus comprising:

moving picture data supply means;

moving picture data acquisition means for acquiring  
10 objective moving picture data from said moving picture data supply means;

data transmission means for transmitting the moving picture data acquired by said moving picture data acquisition means to a transmission line; and

15 differential data transmission means for transmitting redundant data.

6. A moving picture transmission apparatus comprising:

20 moving picture data supply means;

moving picture data acquisition means for acquiring objective moving picture data from said moving picture data supply means;

data transmission means for transmitting the moving

picture data acquired by said moving picture data acquisition means to a transmission line; and

time information addition means for adding the same time information as the moving picture data to redundant data.

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7. A moving picture transmission apparatus comprising:

moving picture data supply means;

moving picture data acquisition means for acquiring  
10 objective moving picture data from said moving picture data supply means;

data transmission means for transmitting the moving picture data acquired by said moving picture data acquisition means to a transmission line; and

15 redundancy control data reception means for receiving redundancy control data.

8. A moving picture reception means comprising:

data reception means for receiving moving picture data  
20 from a transmission line;

decoding means for decoding the moving picture data received by said data reception means into an image;

display means for displaying the image provided by said decoding means; and

error recovery means being placed between said data reception means and said decoding means for executing error recovery by using a P' picture of a forward predictive coded image of a picture immediately preceding an I picture and the I picture.

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9. A moving picture reception means comprising:

data reception means for receiving moving picture data from a transmission line;

10 decoding means for decoding the moving picture data received by said data reception means into an image;

display means for displaying the image provided by said decoding means;

15 basic image retention means being placed between said data reception means and said decoding means for retaining I pictures; and

error recovery means being placed between said data reception means and said decoding means for executing error recovery by using a P" picture of a forward predictive coded image of an I picture immediately preceding the current I picture and  
20 the current I picture.

10. A moving picture reception means comprising:

data reception means for receiving moving picture data from a transmission line;

decoding means for decoding the moving picture data received by said data reception means into an image;

display means for displaying the image provided by said decoding means; and

5 differential data reception means for receiving redundant data.

11. A moving picture reception means comprising:

data reception means for receiving moving picture data

10 from a transmission line;

decoding means for decoding the moving picture data received by said data reception means into an image;

display means for displaying the image provided by said decoding means; and

15 redundant data separation means for separating redundant data from the data received by said data reception means based on time information.

12. A moving picture reception means comprising:

20 data reception means for receiving moving picture data from a transmission line;

decoding means for decoding the moving picture data received by said data reception means into an image;

display means for displaying the image provided by said

decoding means; and

redundancy control data transmission means for  
transmitting redundancy control data.